

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1 (currently amended): A method for forwarding an incoming call addressed to one of a plurality of Directory Numbers belonging to a subscriber, ~~the plurality of Directory Numbers being associated with an integrated system adapted to service both fixed site devices and mobility devices, the method including:~~

~~receiving an incoming call at one of a number corresponding to a fixed-site device and or a number corresponding to a mobility device belonging to the subscriber [[;]] , wherein a call to the number corresponding to the fixed-site device is received via a switch of the Public Switched Telephone Network that communicates with a Mobile Service Center (MSC) coupled to a mobility network, and a call to the number corresponding to the mobility device is received via the MSC, the MSC being further coupled to a Home Location Register (HLR) having a database including a plurality of values for subscriber call forward settings to determine an action to be taken in the event of a busy/no answer condition for either the fixed-site device or the mobility device;~~

~~determining that a busy/no answer condition exists for the device corresponding to the number at which the incoming call is received;~~

~~consulting the call forward settings of the HLR; and~~

~~based on the call forward settings, performing one of routing the incoming call to the fixed-site device, to the mobility device, or to voice mail.~~

~~consulting a call forward setting for the subscriber; and~~

~~performing a call forwarding action to the mobility device if the busy/no answer condition exists for the fixed-site device, or to the fixed-site device if the busy/no answer condition exists for the mobility device, based upon the call forward setting of the subscriber.~~

2 (currently amended): The method of claim 1, wherein the fixed site device is a fixed site telephone belonging to the subscriber, and the incoming call is received at switch is a Class 5 Switch associated with the subscriber's fixed-site telephone.

3 - 12 (canceled)

E 13 (currently amended): A medium storing instructions adapted to be executed by a processor to perform steps including:

receiving an incoming call directed to one of a number corresponding to a fixed-site device and or a number corresponding to a mobility device belonging to the subscriber [[;]], wherein a call to the number corresponding to the fixed-site device is received via a switch of the Public Switched Telephone Network that communicates with a Mobile Service Center (MSC) coupled to a mobility network, and a call to the number corresponding to the mobility device is received via the MSC, the MSC being further coupled to a Home Location Register (HLR) having a database including a plurality of values for subscriber call forward settings to determine an action to be taken in the event of a busy/no answer condition for either the fixed-site device or the mobility device;

determining that a busy/no answer condition exists for the device corresponding to the number at which the incoming call is received;

consulting the call forwarding settings of the HLR; and
based on the call forwarding settings, performing one of routing the incoming call to the fixed-site device, to the mobility device, or to voice mail.

~~depending on whether the incoming call is received at the fixed site device or at the mobility device, determining that the fixed site device is either busy, or that there is no answer at the fixed site device, or that the mobility device is either busy, or that there is no answer at the mobility device;~~

~~consulting a subscriber profile that describes how to forward an incoming call for the subscriber; and~~

~~forwarding the incoming call to the mobility device if the fixed site device is either busy or there is no answer at the fixed site device, or to the fixed site device if~~

~~the mobility device is either busy or if there is no answer at the mobility device, based upon the subscriber profile.~~

14 (currently amended): The medium of claim 13, wherein the ~~instructions are adapted to be executed by a processor in switch~~ is a Class 5 Switch.

15 - 17 (canceled)

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18 (currently amended): An apparatus for forwarding an incoming call to one of a plurality of Directory Numbers belonging to a subscriber, including:

a processor;

a memory coupled to said processor, said memory storing instructions adapted to be executed by said processor to:

receive an incoming call at one of a number corresponding to a fixed-site device or a number corresponding to a mobility device belonging to the subscriber, wherein a call to the number corresponding to the fixed-site device is received via a switch of the Public Switched Telephone Network that communicates with a Mobile Service Center (MSC) coupled to a mobility network, and a call to the number corresponding to the mobility device is received via the MSC, the MSC being further coupled to a Home Location Register (HLR) having a database including a plurality of values for subscriber call forward settings to determine an action to be taken in the event of a busy/no answer condition for either the fixed-site device or the mobility device;

determine that a busy/no answer condition exists for the device corresponding to the number at which the incoming call is received;

consult the call forwarding settings of the HLR; and

based on the call forwarding settings, perform one of routing the incoming call to the fixed-site device, to the mobility device, or to voice mail.

receive an incoming call sent to one of a Directory Number corresponding to a fixed-site device of the subscriber and a Directory Number corresponding to a mobility device of the subscriber, determine that a busy/no answer condition exists

for either the device at the fixed-site Directory Number or the mobility device Directory Number depending on whether the incoming call is received at the fixed-site device or at the mobility device, consult a subscriber profile containing call forward information for the subscriber, and forward the call to the mobility device if the fixed-site device is either busy or there is no answer at the fixed-site device, or to the fixed-site device if the mobility device is either busy or if there is no answer at the mobility device, based upon the subscriber profile information.

19 - 22 (canceled)

23 (currently amended): A method for updating a call forward setting via the Internet, comprising:

receiving a request to update the call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet; and

processing the request to update the call forward setting according to the request by updating a corresponding subscriber profile in a Home Location Register (HLR).

24 (canceled)

25 (currently amended): The method of claim 23, wherein the processing further includes:

determining that the update request requires updating call forwarding information on a Class-5 switch of the Public Switched Telephone Network;

updating the call forward information on the Class-5 switch; and

returning a result to the subscriber.

26 (previously presented): The method of claim 23, wherein the subscriber device is a personal computer.

27 (previously presented): The method of claim 23, wherein the subscriber device is a mobile telephone.

28 (currently amended): A medium storing instructions adapted to be executed by a processor to perform steps including:

receiving a request to update a call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet; and

processing the request to update the call forward setting according to the request by updating a corresponding subscriber profile in a Home Location Register (HLR).

29 (canceled)

30 (currently amended): The medium of claim 28, wherein the processing further includes:

determining that the update request requires updating call forwarding information on a Class-5 switch of the Public Switched Telephone Network;

updating the call forward information on the Class-5 switch; and
returning a result to the subscriber.

31 (currently amended): A system for updating a call forward setting via the Internet, comprising a Home Location Register (HLR) an HLR connectable to the Internet and configured to receive a request to update the call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet, and to process the request to update the call forward setting according to the request.

32 (currently amended): The system of claim 31, further comprising a Class-5 switch interface device coupled to the HLR, and a Class-5 switch coupled to the interface device, the Class-5 switch being adapted to receive commands from the interface

E device for updating call forwarding information responsive to an update call
forwarding request corresponding to the subscriber request received by the interface
device from the HLR.